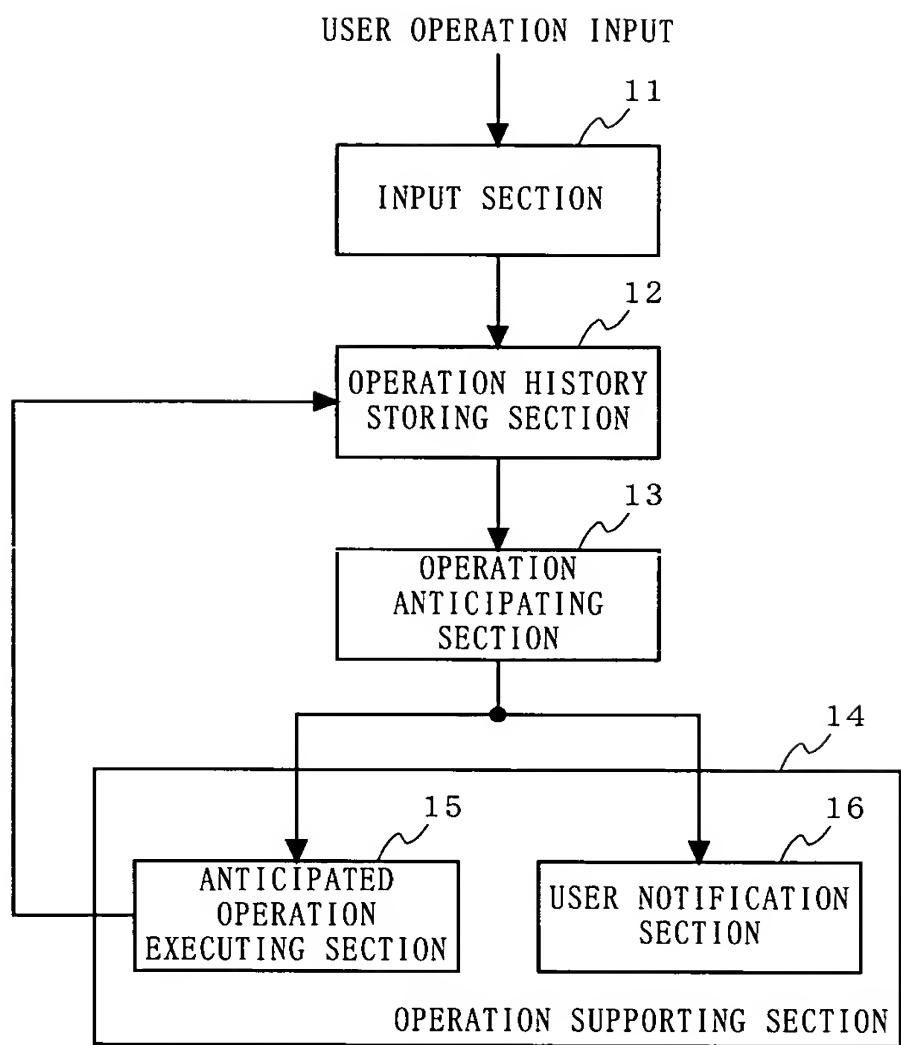


F I G. 1



F I G. 2

OPERATION ID	CONCRETE OPERATION
game01	START GAME A
game02	START GAME B
mailRead	START MAILER AND READ MAIL
mailSend	START MAILER AND SEND MAIL
call	MAKE CALL
volume00	SET VOLUME AT LEVEL 0
volume01	SET VOLUME AT LEVEL 1
volume02	SET VOLUME AT LEVEL 2
dialLockOn	SET DIAL LOCK ON
dialLockOff	SET DIAL LOCK OFF
alarm01	SET ALARM 1
alarm02	SET ALARM 2
mannerOn	SET MANNER MODE ON
mannerOff	SET MANNER MODE OFF
secretOn	DISABLE VIEWING OF SPECIFIC CONTENTS OF MEMORY
myPhone	DISPLAY MY PHONE NUMBER
camera	TAKE PHOTO USING BUILT-IN CAMERA
...	...

F I G. 3

EXECUTION NUMBER	OPERATION ID
...	...
1328	mannerOn
1329	mannerOff
1330	game01
1331	volume00
1332	volume02
1333	mailRead
1334	dialLockOn
1335	dialLockOff
1336	mailRead
1337	dialLockOn
1338	dialLockOff
1339	game01
1340	volume00
1341	alarm02
1342	mannerOn
1343	mannerOff
1344	secretOn
1345	myPhone
1346	call
...	...
2942	mailRead
2943	dialLockOn (AUTO OPERATION)
2944	dialLockOff

FIG. 4

401

402

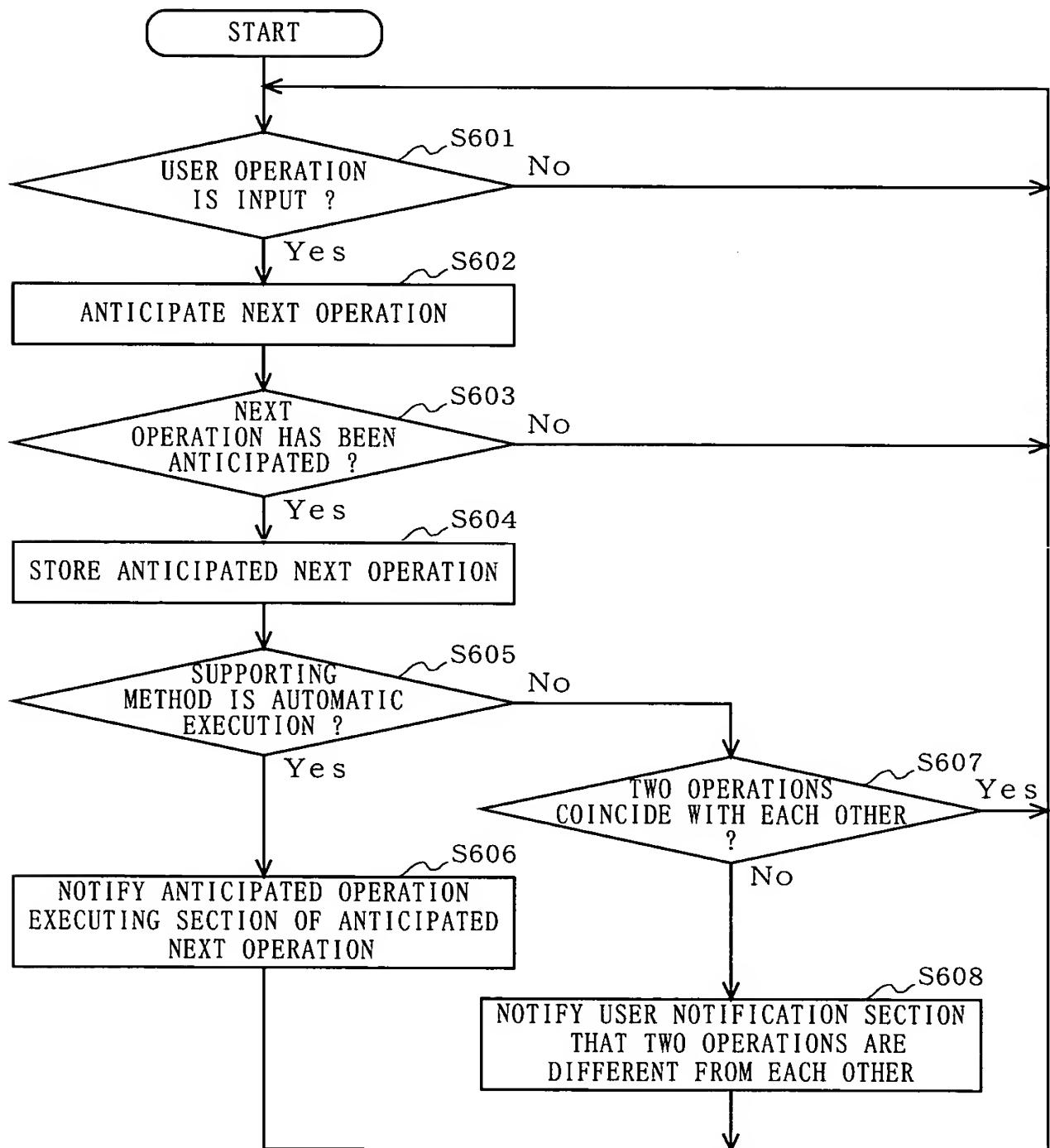
	OPERATIONS	NUMBER OF OPERATIONS
411	TOTAL NUMBER OF SINGLE OPERATIONS	2944
412	SECOND PREVIOUS OPERATION : mailRead FIRST PREVIOUS OPERATION : dialLockOn ANY FIRST PREVIOUS AUTO OPERATION? YES (dialLockOn)	
413	<SINGLE OPERATION> game01 game02 mailRead mailSend call volume00 volume01 volume02 dialLockOn dialLockOff alarm01 alarm02 mannerOn mannerOff secretOn ...	32 5 553 489 51 89 23 70 105 105 29 3 202 201 15 ...
414	<TWO CONSECUTIVE OPERATIONS> game01 → game02 game01 → volume00 game01 → mannerOn ... mailRead → mailRead mailRead → mailSend mailRead → dialLockOn mailRead → alarm02 ... <THREE CONSECUTIVE OPERATIONS> game01 → volume00 → mannerOn game01 → volume00 → dialLockOn ... game01 → mannerOn → mailRead ...	2 28 2 ... 119 158 75 1 ...

F I G. 5

501 502

CONSECUTIVE OPERATIONS	PROBABILITY
TOTAL NUMBER OF SINGLE OPERATIONS	2944
<TWO CONSECUTIVE OPERATIONS>	
P (game02 game01)	0.0625
P (volume00 game01)	0.8750
P (mannerOn game01)	0.0625
...	...
P (mailRead mailRead)	0.2152
P (mailSend mailRead)	0.2857
P (dialLockOn mailRead)	0.1356
P (alarm02 mailRead)	0.0018
...	...
<THREE CONSECUTIVE OPERATIONS>	
P (mannerOn game01 volume00)	0.3571
P (dialLockOn game01 volume00)	0.2857
...	...
P (mailRead game01 mannerOn)	0.5000
...	...

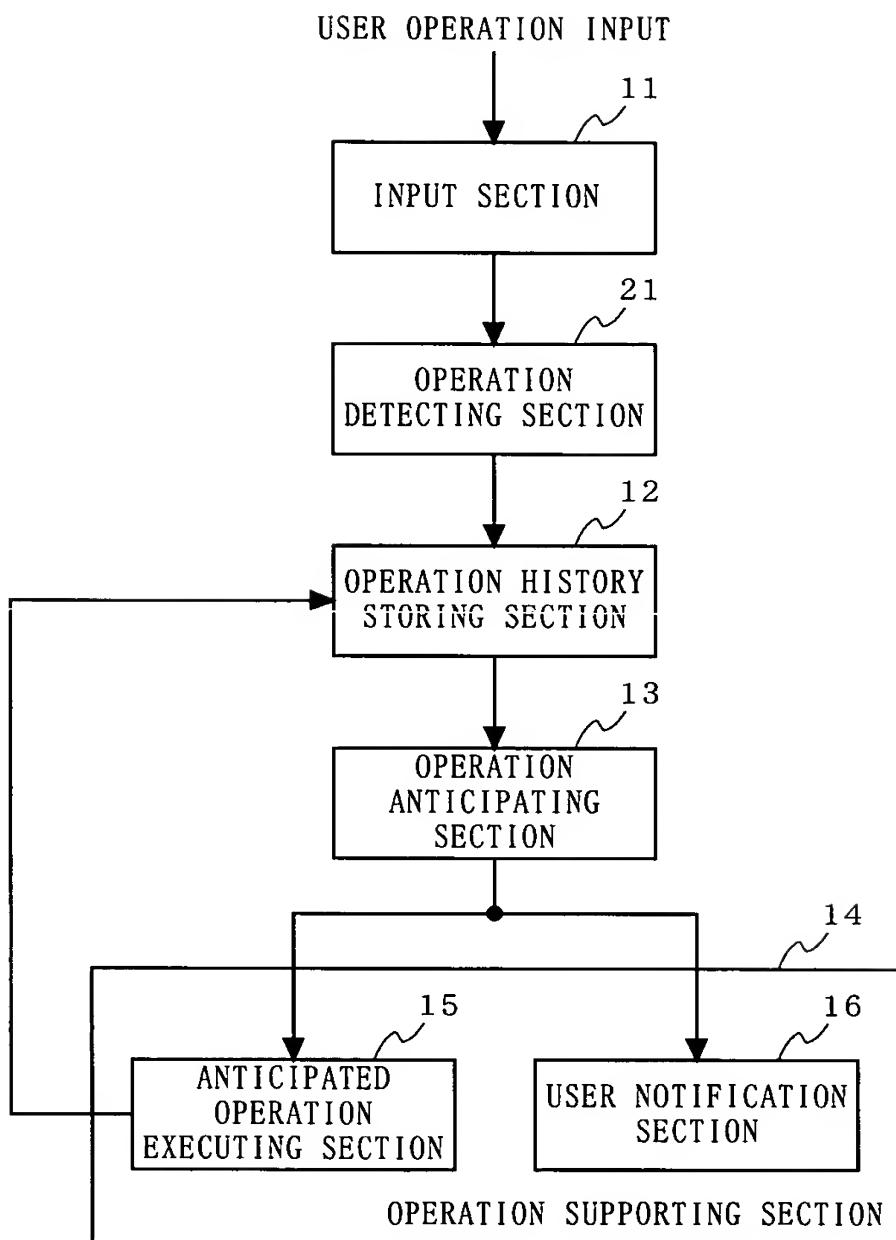
F I G. 6



F I G. 7

OPERATION ID	CONCRETE OPERATIONS IN NORMAL TIMES	CONCRETE OPERATIONS WHEN ANTICIPATION IS PERFORMED
game01	START GAME A	START GAME A
game02	START GAME B	START GAME B
mailRead	START MAILER AND READ MAIL	DISPLAY LIST OF INCOMING MAILS
mailSend	START MAILER AND SEND MAIL	DISPLAY MAIL SENDING FORM
call	CALL	(NONE)
volume00	SET VOLUME AT LEVEL 0	SET VOLUME AT LEVEL 0
volume01	SET VOLUME AT LEVEL 1	SET VOLUME AT LEVEL 1
volume02	SET VOLUME AT LEVEL 2	SET VOLUME AT LEVEL 2
dialLockOn	SET DIAL LOCK ON	SET DIAL LOCK ON
dialLockOff	SET DIAL LOCK OFF	SET DIAL LOCK OFF
alarm01	SET ALARM 1	SET ALARM 1
alarm02	SET ALARM 2	SET ALARM 2
mannerOn	SET MANNER MODE ON	SET MANNER MODE ON
mannerOff	SET MANNER MODE OFF	SET MANNER MODE OFF
secretOn	DISABLE VIEWING OF SPECIFIC CONTENTS OF MEMORY	DISABLE VIEWING OF SPECIFIC CONTENTS OF MEMORY
myPhone	DISPLAY MY PHONE NUMBER	DISPLAY MY PHONE NUMBER
camera	TAKE PHOTO USING BUILT-IN CAMERA	SET CAMERA STANDBY MODE
...

F I G. 8



F I G. 9

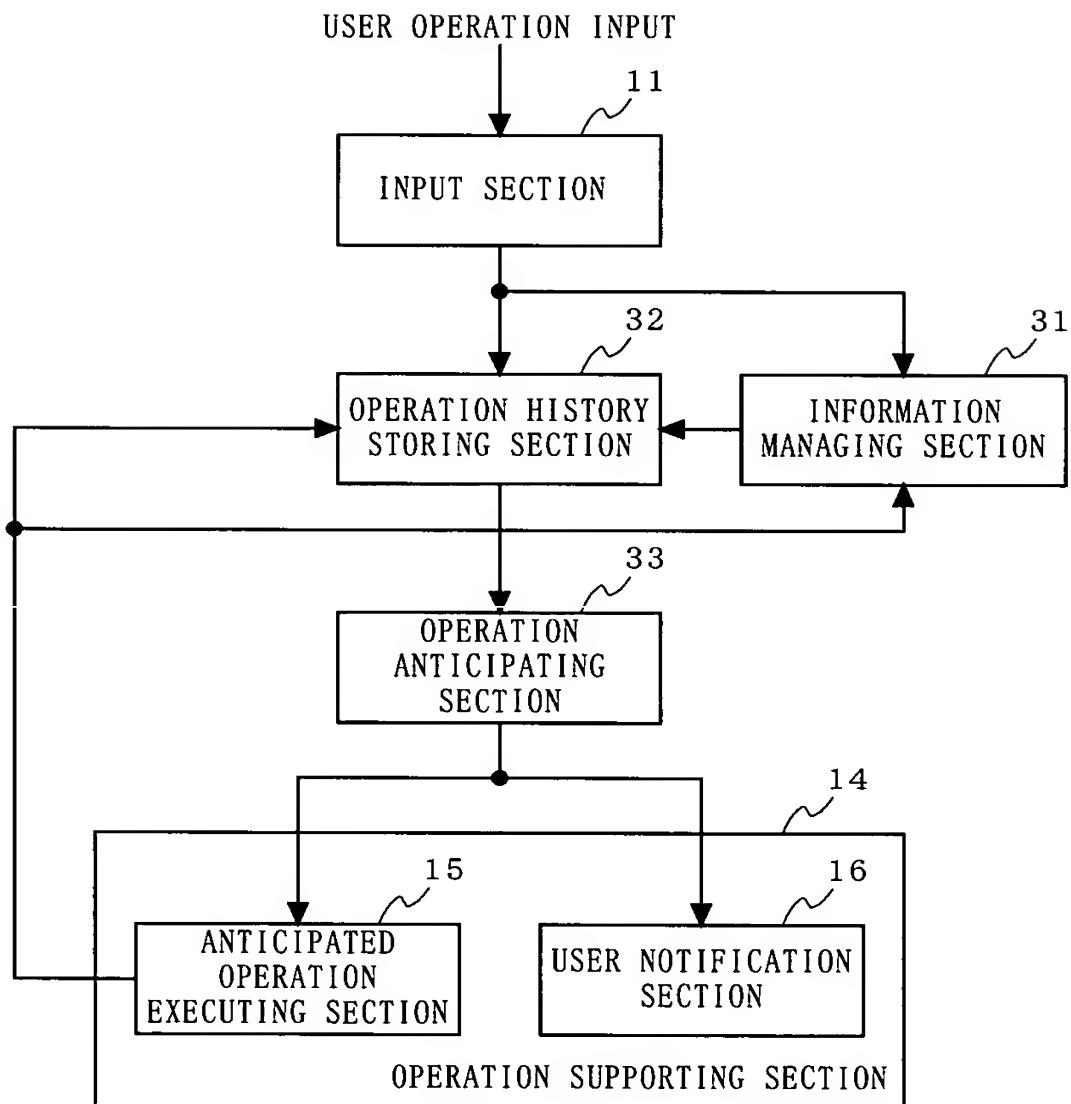


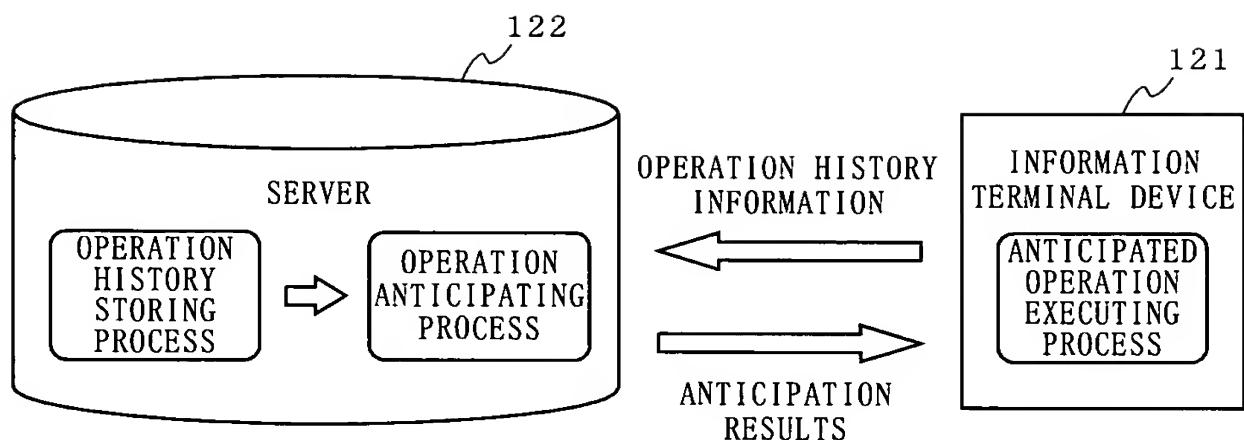
FIG. 10

DATE OF OPERATION	DAY OF WEEK	TIME (HOUR:MINUTE:SECOND)	OPERATION ID
...
2002/07/01	MON.	09:00:15	mannerOn
2002/07/01	MON.	10:30:28	mannerOff
2002/07/01	MON.	10:35:09	game01
2002/07/01	MON.	13:50:52	volume00
2002/07/01	MON.	15:10:22	volume02
2002/07/01	MON.	19:30:48	mailRead
2002/07/01	MON.	19:34:25	dialLockOn
2002/07/01	MON.	20:39:39	dialLockOff
2002/07/01	MON.	20:40:11	mailRead
2002/07/01	MON.	20:45:34	dialLockOn
2002/07/01	MON.	21:55:39	dialLockOff
2002/07/01	MON.	22:01:19	game01
2002/07/01	MON.	22:10:53	volume00
2002/07/01	MON.	22:25:30	alarm02
2002/07/02	TUE.	09:01:58	mannerOn
2002/07/02	TUE.	10:31:44	mannerOff
2002/07/02	TUE.	15:23:58	secretOn
2002/07/02	TUE.	15:24:03	myPhone
2002/07/02	TUE.	15:49:29	call
...
2002/07/10	WED.	18:25:41	mailRead
2002/07/10	WED.	18:25:42	dialLockOn (AUTO OPERATION)
2002/07/10	WED.	18:26:05	dialLockOff

F I G. 1 1

CONSECUTIVE OPERATIONS	TOTAL NUMBER OF SINGLE OPERATIONS	PROBABILITY
<TWO CONSECUTIVE OPERATIONS>	2944	
◆22:00~18:00		
P (game02 game01)	0.0625	
P (volume00 game01)	0.8437	
◆18:00~22:00		
P (volume00 game01)	0.0313	
P (mannerOn game01)	0.0625	
...	...	
◆20:00~15:00		
P (mailRead mailRead)	0.2016	
P (mailSend mailRead)	0.2857	
P (dialLockOn mailRead)	0.0233	
◆15:00~20:00		
P (mailRead mailRead)	0.0136	
P (dialLockOn mailRead)	0.1123	
P (alarm02 mailRead)	0.0018	
...	...	
<THREE CONSECUTIVE OPERATIONS>		
◆10:00~19:00		
P (mannerOn game01 volume00)	0.1984	
P (dialLockOn game01 volume00)	0.2857	
...	...	
P (mailRead game01 mannerOn)	0.3070	
...	...	

F I G. 1 2



F I G. 1 3

